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LIST OF FIGURES

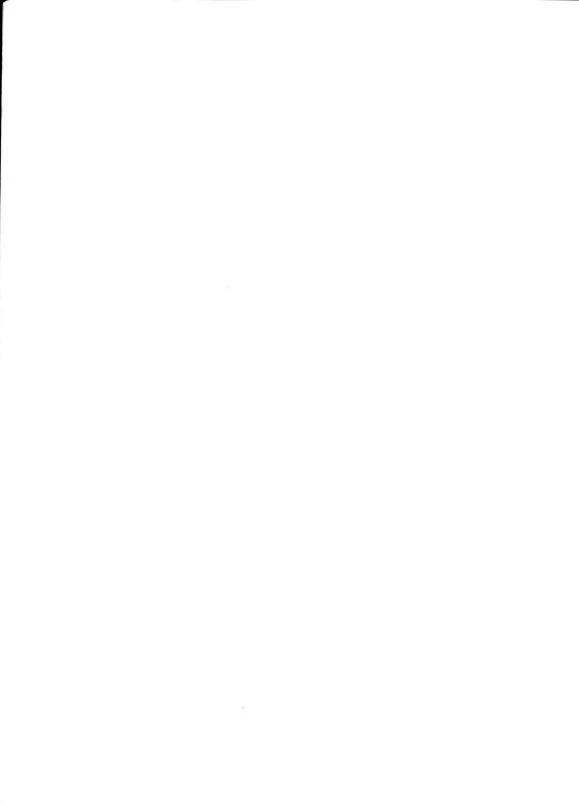
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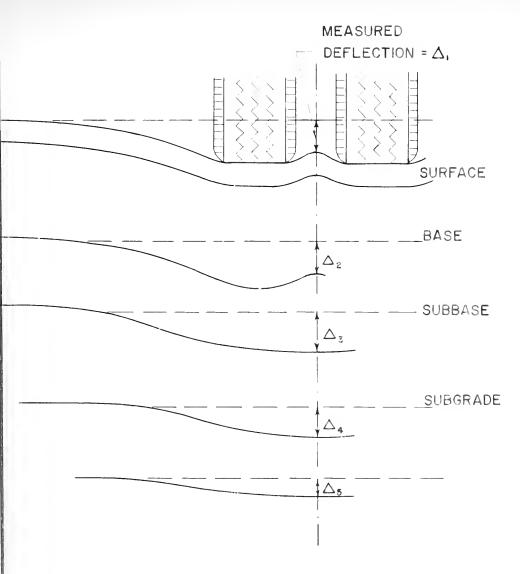




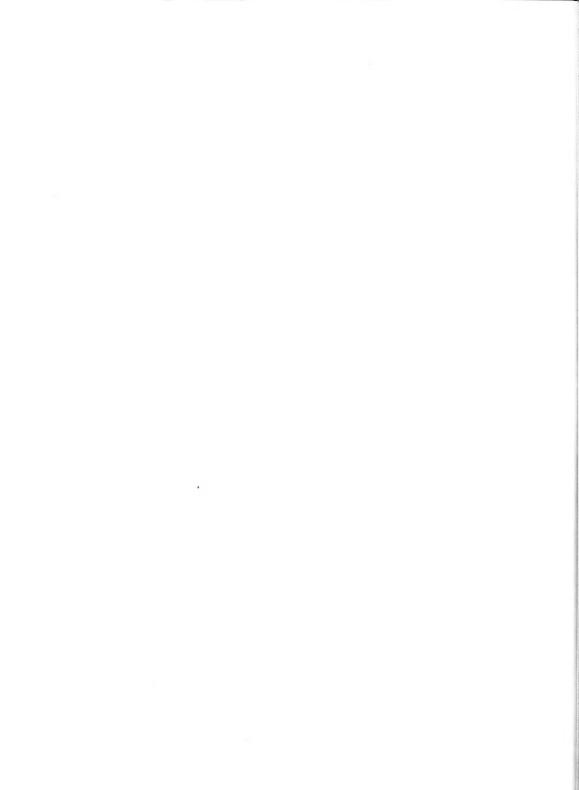


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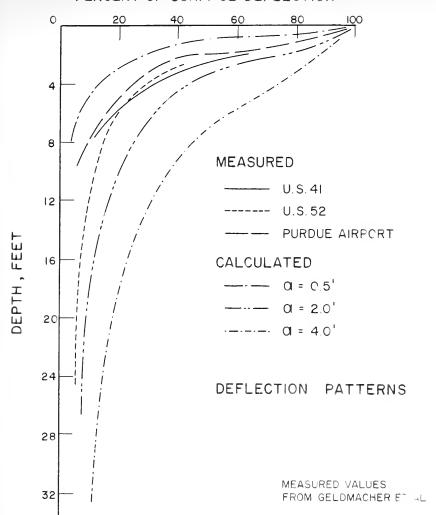
DEFLECTION PROFILES



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PERCENT OF SURFACE DEFLECTION





total load (which fix the radius), vertical deflection is dependent upon a settlement factor F which is in turn dependent upon the ratio of z/a. The above equation was developed using certain boundary conditions which will not be discussed here. Considering the theoretical or calculated values in Figure 2, depth of influence of deflection for various plate size is about. For example, circular plates with large Clamerers cause particle is the life of the current and the current of t

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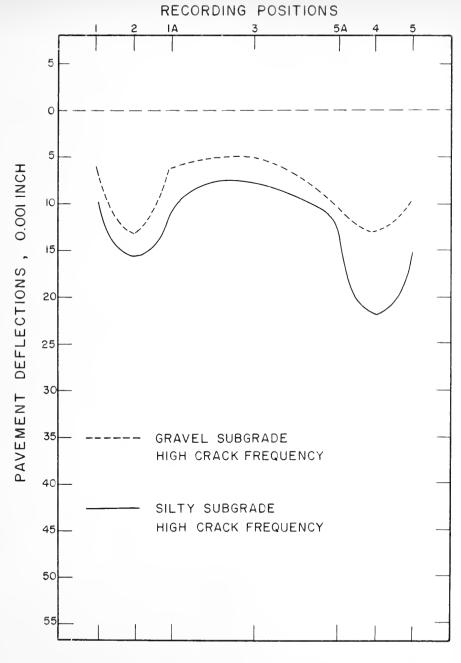
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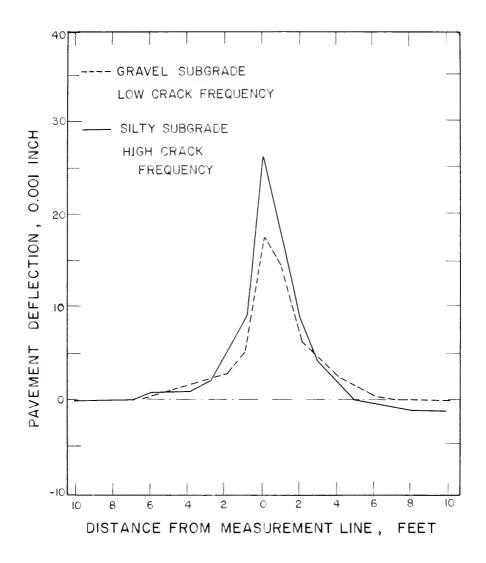
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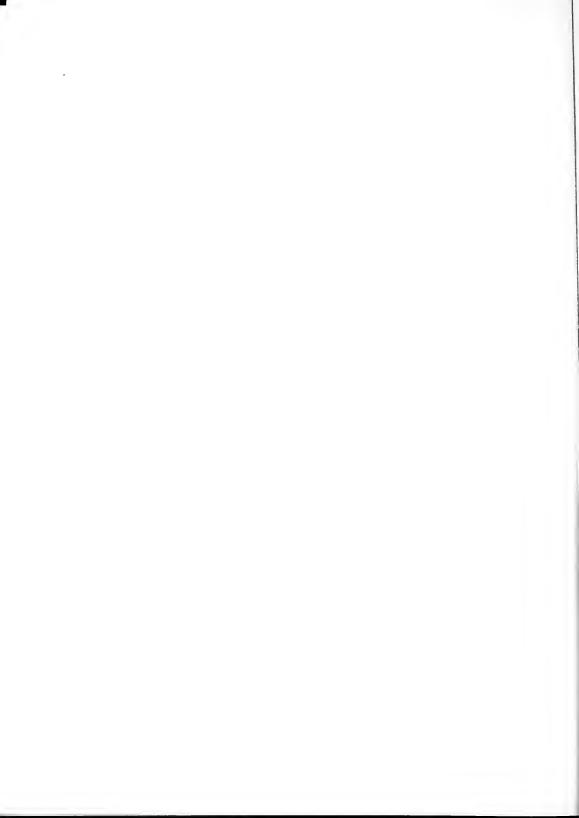
TYPICAL TRANSVERSE DEFLECTION CURVES





TYPICAL LONGITUDINAL DEFLECTION CURVES

FIGURE 4



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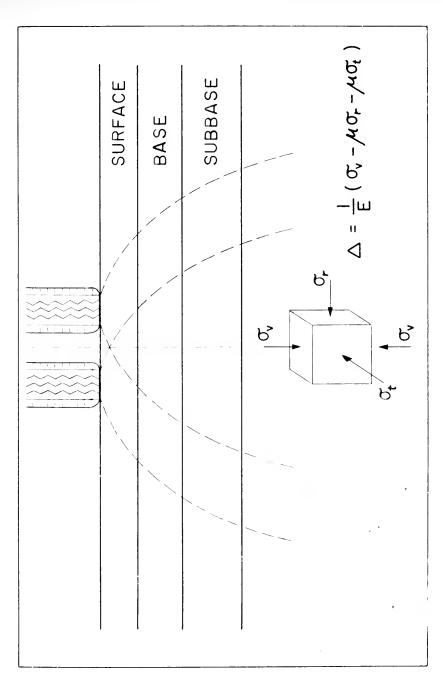


FIGURE 5



atreeses of a first testing to the first testing of the solution of the solution of the solution of the solutions and the solutions are solutions.

Figure 6 shows variation of residual stress with Loth as measured by prossure only below a 12-dash crushed stone bases a tree. The measured values of direction along the logic shide for the cold from the cold fro

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measured on the U. S. in Test Forence using the Author that in the shows a diagnostical later in the Later forence using the Author to the author that the hand side is placed between a set of call sheels and then as the profession that moves away from the probability fall ection as indicated by care of the dial on the right.

Figure 3 shows the set-up for remaining the later declined one. The test parement consists of emphaltic concrete, water-bound must an and promplar subbase resting upon the grade. Holes were drilled through the asphaltic concrete and plates were set on each pavement layer.



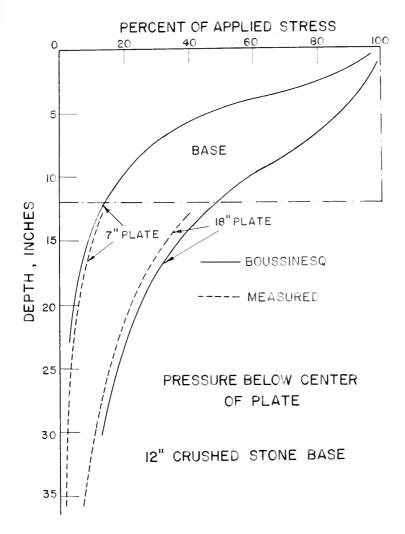
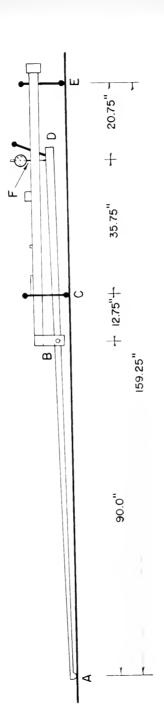


FIGURE 6



BENKELMAN BEAM

FIGURE 7

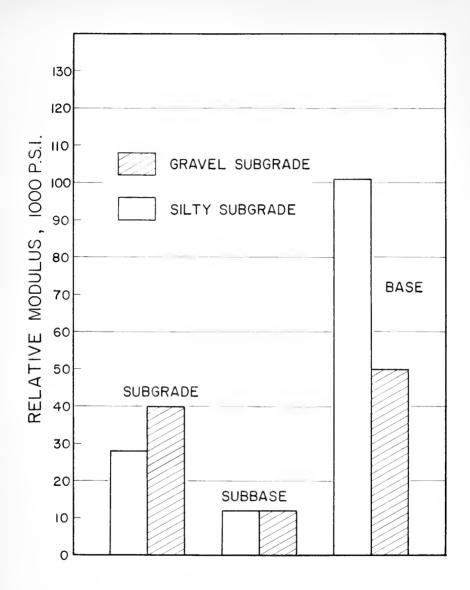


Figure 9 shows typical rolative modulus values to the or calculated for two locations. It was found that erack frequency sould not be correlated with subgrade modulus values, but a relatively good correlation was established between core frequency and subtract values. It lights 5 it is seen that he may a new had a light value by the modulus of the roll in the property of the first the solid.

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RELATIVE MODULUS OF PAVEMENT LAYERS
11250 POUND DUAL WHEEL LOAD

FIGURE 9



Previous parameters have shown theoretical relationships between definition patheons and depth for relationshy becognition of a linear first are also presented which indicate definition patheons a letteral of measurement under prototype povements. A marked degree of simulating is apparent when remaidening the theoretical and more ed values. The measurement when remaidening the theoretical and more ed values. The measurement when remaidening the theoretical and more ed values. The measurement is a legal decide of the mass remarks have a sent the first of the legal decides of the measurement have a sent the legal decides of the measurement have a sent the legal decides of the measurement have a sent the legal decides of the measurement have a sent the legal decides of the measurement have a sent the legal decides of th

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